

Cytomegalovirus (CMV) PCR Testing

CMV PCR testing for Utah Public Health Initiative (H.B.81 – UCA 26-10-10)

- Many laboratories currently offer PCR-based CMV testing. Testing can be performed on saliva or urine. As of July 1st, 2013, ARUP Laboratories is the only local facility that has a validated test for saliva.
- Each primary care provider should submit specimens through their normal laboratory testing mechanism. If the laboratory service does not normally use ARUP as the referring laboratory and this test is desired, please specify the testing location as ARUP, and include test name and test code listed below. All laboratories have the ability to forward specimens to ARUP through their channels.
- Pricing will vary depending on the laboratory and the specific hospital contract. Primary care providers will need to consult their affiliated hospitals or reference laboratories to obtain pricing information.
- The CPT code for CMV detection (qualitative) by PCR is 87496, and is covered by Medicaid.

Information on ARUP's CMV PCR tests

Specimen type	Saliva
ARUP Test Name	Cytomegalovirus by Qualitative PCR, Saliva
Short Name	CMVPCR SAL
ARUP Test Code	2008555
Specimen Collection	Collect and submit saliva in ORACollect OC-100 kit (ARUP supply #49295)
Stability of Specimen	Ambient: 7 days; Refrigerated: 7 days; Frozen: 3 months
Reported	1-3 days
NOTE:	If a saliva specimen is received in a collection device different from the specified device (#49295), specimen will still be tested but patient report will include a non-validated specimen disclaimer.

Specimen type	Urine
ARUP Test Name	Cytomegalovirus by PCR
Short Name	CMV PCR
ARUP Test Code	0060040
Specimen Collection	Collect and submit 1 mL urine. Sterile urine container, no preservative.
Stability of Specimen	Ambient: 8 hrs; Refrigerated: 72 hrs; Frozen 3 months
Reported	1-3 days

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- Logistical questions:
 - Please contact ARUP's business development manager: Robert Hemingway (Robert.hemingway@aruplab.com) (801)583-2787 ex 2511
- How to obtain the saliva collection kit (ORACollect)
 - **[Option 1]** If your facility or affiliated hospital is an ARUP client, kits can be obtained through ARUP eSupply.
 - eSupply info <http://www.aruplab.com/Client-Services/client-supply.jsp>
 - Please specify ARUP supply #49295 and number of collection kits required.
 - **[Option 2]** If kits are not obtained from ARUP as a client supply.
 - Kits can be purchased in bulk from DNA Genotek.
 - Sales Contact: Harry Koudakjian (1-866-813-6354 x264)
 - Shelf life is 18 months from manufacture date.
 - Pricing is based on number of kits purchased.

Order volume	Cost + shipping
100 kits (minimum order)	\$9.50/kit + \$50 handling fee + shipping cost
200+ kits	Same as above, but no handling fee
1000+ kits	\$6.75/kit + shipping cost

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Cytomegalovirus testing by PCR is also available at these other laboratories

Laboratory	LabCorp
Specimen type	Urine (saliva is not listed as acceptable)
Test Name	Cytomegalovirus (CMV), Qualitative, PCR
Test Code	138693
Specimen Collection	Collect and submit 2 mL urine. Sterile urine container, no preservative
Stability of Specimen	Refrigerated or frozen, stable for 7 days

Laboratory	Quest
Specimen type	Urine (saliva is not listed as acceptable)
Test Name	Cytomegalovirus DNA, Qualitative, Real-Time PCR
Test Code	10601
Specimen Collection	Collect and submit 1 mL random urine. Sterile urine container, no preservative
Stability of Specimen	Refrigerated 8 days

Laboratory	PAML
Specimen type	Urine (saliva is not listed as acceptable)
Test Name	CYTOMEGALOVIRUS BY RT-PCR, QUALITATIVE
Test Code	CMVRTP
Specimen Collection	Collect and submit 1 mL random urine. Sterile urine container, no preservative
Stability of Specimen	Refrigerated 1 week

Laboratory	Viracor-IBT Laboratories – Only quantitative testing is available.
Specimen type	Urine (saliva is not listed as acceptable)
Test Name	Cytomegalovirus (CMV) Quantitative Real-time PCR
Test Code	Test codes are specific to source submitted and testing only available as Quantitative
Specimen Collection	Collect and submit 1 mL random urine. Sterile urine container, no preservative
Stability of Specimen	Refrigerated 8 days

Laboratory	IHC
Specimen type	Urine (saliva is not listed as acceptable)
Test Name	CYTOMEGALOVIRUS BY PCR
Test Code	CMV CMVPCR
Specimen Collection	Collect and submit 1-3 mL urine.
Stability of Specimen	Refrigerated 7 days

Revised October 17, 2013